

STIC Biotechnology Systems Branch

RAW SEQUENCE LISTING **ERROR REPORT**

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) detected errors when processing the following computer readable form:

Application Serial Number: 10/586,245
Source: IFWP
Date Processed by STIC: 7/26/06

THE ATTACHED PRINTOUT EXPLAINS DETECTED ERRORS.

PLEASE FORWARD THIS INFORMATION TO THE APPLICANT BY EITHER:

- 1) INCLUDING A COPY OF THIS PRINTOUT IN YOUR NEXT COMMUNICATION TO THE APPLICANT, WITH A NOTICE TO COMPLY or,
- 2) TELEPHONING APPLICANT AND FAXING A COPY OF THIS PRINTOUT, WITH A NOTICE TO COMPLY

FOR CRF SUBMISSION AND PATENTIN SOFTWARE QUESTIONS, PLEASE CONTACT MARK SPENCER, TELEPHONE: 571-272-2510; FAX: 571-273-0221

TO REDUCE ERRORED SEQUENCE LISTINGS, PLEASE USE THE **CHECKER VERSION 4.4.0 PROGRAM**, ACCESSIBLE THROUGH THE U.S. PATENT AND TRADEMARK OFFICE WEBSITE. SEE BELOW FOR ADDRESS:

<http://www.uspto.gov/web/offices/pac/checker/chkrnote.htm>

Applicants submitting genetic sequence information electronically on diskette or CD-Rom should be aware that there is a possibility that the disk/CD-Rom may have been affected by treatment given to all incoming mail.

Please consider using alternate methods of submission for the disk/CD-Rom or replacement disk/CD-Rom.

Any reply including a sequence listing in electronic form should NOT be sent to the 20231 zip code address for the United States Patent and Trademark Office, and instead should be sent via the following to the indicated addresses:

1. EFS-Bio (<<http://www.uspto.gov/ebs/efs/downloads/documents.htm>> , EFS Submission User Manual - ePAVE)
2. U.S. Postal Service: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450
3. Hand Carry, Federal Express, United Parcel Service, or other delivery service (EFFECTIVE 01/14/05):
U.S. Patent and Trademark Office, Mail Stop Sequence, Customer Window, Randolph Building, 401 Dulany Street, Alexandria, VA 22314

Revised 01/10/06

Raw Sequence Listing Error Summary

<u>ERROR DETECTED</u>	<u>SUGGESTED CORRECTION</u>	SERIAL NUMBER: <u>10/586,245</u>
ATTN: NEW RULES CASES: PLEASE DISREGARD ENGLISH "ALPHA" HEADERS, WHICH WERE INSERTED BY PTO SOFTWARE		
1 _____ Wrapped Nucleics Wrapped Aminos	The number/text at the end of each line "wrapped" down to the next line. This may occur if your file was retrieved in a word processor after creating it. Please adjust your right margin to .3; this will prevent "wrapping."	
2 _____ Invalid Line Length	The rules require that a line not exceed 72 characters in length. This includes white spaces.	
3 _____ Misaligned Amino Numbering	The numbering under each 5 th amino acid is misaligned. Do not use tab codes between numbers; use space characters , instead.	
4 <input checked="" type="checkbox"/> Non-ASCII	The submitted file was not saved in ASCII(DOS) text, as required by the Sequence Rules. Please ensure your subsequent submission is saved in ASCII text.	
5 _____ Variable Length	Sequence(s) _____ contain n's or Xaa's representing more than one residue. Per Sequence Rules, each n or Xaa can only represent a single residue. Please present the maximum number of each residue having variable length and indicate in the <220>-<223> section that some may be missing.	
6 _____ PatentIn 2.0 "bug"	A "bug" in PatentIn version 2.0 has caused the <220>-<223> section to be missing from amino acid sequences(s) _____. Normally, PatentIn would automatically generate this section from the previously coded nucleic acid sequence. Please manually copy the relevant <220>-<223> section to the subsequent amino acid sequence. This applies to the mandatory <220>-<223> sections for Artificial or Unknown sequences.	
7 _____ Skipped Sequences (OLD RULES)	Sequence(s) _____ missing. If intentional, please insert the following lines for each skipped sequence: (2) INFORMATION FOR SEQ ID NO:X: (insert SEQ ID NO where "X" is shown) (i) SEQUENCE CHARACTERISTICS: (Do not insert any subheadings under this heading) (xi) SEQUENCE DESCRIPTION:SEQ ID NO:X: (insert SEQ ID NO where "X" is shown) This sequence is intentionally skipped Please also adjust the "(ii) NUMBER OF SEQUENCES:" response to include the skipped sequences.	
8 _____ Skipped Sequences (NEW RULES)	Sequence(s) _____ missing. If intentional , please insert the following lines for each skipped sequence. <210> sequence id number <400> sequence id number 000	
9 _____ Use of n's or Xaa's (NEW RULES)	Use of n's and/or Xaa's have been detected in the Sequence Listing. Per 1.823 of Sequence Rules, use of <220>-<223> is MANDATORY if n's or Xaa's are present. In <220> to <223> section, please explain location of n or Xaa , and which residue n or Xaa represents.	
10 _____ Invalid <213> Response	Per 1.823 of Sequence Rules, the only valid <213> responses are: Unknown, Artificial Sequence, or scientific name (Genus/species). <220>-<223> section is required when <213> response is Unknown or is Artificial Sequence. (see item 11 below)	
11 _____ Use of <220>	Sequence(s) _____ missing the <220> "Feature" and associated numeric identifiers and responses. Use of <220> to <223> is MANDATORY if <213> "Organism" response is "Artificial Sequence" or "Unknown." Please explain source of genetic material in <220> to <223> section or use "chemically synthesized" as explanation. (See "Federal Register," 06/01/1998, Vol. 63, No. 104, pp. 29631-32), also Sec. 1.823 of Sequence Rules	
12 _____ PatentIn 2.0 "bug"	Please do not use "Copy to Disk" function of PatentIn version 2.0. This causes a corrupted file, resulting in missing mandatory numeric identifiers and responses (as indicated on raw sequence listing). Instead, please use "File Manager" or any other manual means to copy file to floppy disk.	
13 _____ Misuse of n/Xaa	"n" can only represent a single <u>nucleotide</u> ; "Xaa" can only represent a single <u>amino acid</u>	



IFWP

RAW SEQUENCE LISTING

DATE: 07/26/2006

PATENT APPLICATION: US/10/586,245

TIME: 14:00:36

Input Set : A:\PTO.DA.txt

Output Set: N:\CRF4\07262006\J586245.raw

*see item 4 on
Error Summary
sheet*

3 <110> APPLICANT: Consejo Superior de Investigaciones Cientificas

5 <120> TITLE OF INVENTION: GENERATION OF SPECIFIC ADHESION IN GRAM-NEGATIVE BACTERIA BY

MEANS

6 OF FIXING IMMUNOGLOBULIN SINGLE DOMAINS ON THEIR SURFACE WITH

7 AUTOTRANSPORTERS

9 <130> FILE REFERENCE: P1375PC

C--> 11 <140> CURRENT APPLICATION NUMBER: US/10/586,245

C--> 11 <141> CURRENT FILING DATE: 2006-07-11

11 <150> PRIOR APPLICATION NUMBER: ES P200400073

W--> 12 <151> PRIOR FILING DATE: 2004-01-14 ~~(January 14, 2004)~~ *delete*

14 <160> NUMBER OF SEQ ID NOS: 10

16 <170> SOFTWARE: PatentIn version 3.1

*2004-01-14 is the
correct
format.*

**Does Not Comply
Corrected Diskette Needed**

ERRORED SEQUENCES

18 <210> SEQ ID NO: 1

19 <211> LENGTH: 5587

20 <212> TYPE: DNA

21 <213> ORGANISM: Artificial

W--> 23 <220> FEATURE:

23 <223> OTHER INFORMATION: DNA sequence of plasmid pVamyB

B--> 25 <400> SEQUENCE: 1

*insert
<220> whenever <221>, <222>, or <223>
is shown.*

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32	cgtggtggtg	tcgatggtag	aacgaagcgg	cgtcgaagcc	tgtaaagcgg	cggtgacaaa	420
33	tcttctcgcg	caacgcgtca	gtgggctgat	cattaactat	ccgctggatg	accaggatgc	480
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*<220>
is a header
only.*

*It never
has a
response*

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DATE: 07/26/2006

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Output Set: N:\CRF4\07262006\J586245.raw

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123 <211> LENGTH: 5563

124 <212> TYPE: DNA

125 <213> ORGANISM: Artificial

W--> 127 <220> FEATURE:

127 <223> OTHER INFORMATION: DNA sequence of plasmid pVLMB10a

OK> 129 <400> SEQUENCE: 2

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174	atgcttggtg	tgtggccggc	gatattgggt	cgggcagctt	gagaagccgg	ttacaaacgc	2700
175	agcaaaaagc	aaactttaac	cgaacaagca	tccaaaccgg	ccttactttg	ggcaatacgc	2760
176	tgaaaatcaa	tcaattcgag	attgtcccta	gtgcgggtat	ccgttacagc	cgcctgtcat	2820
177	ctgcagatta	caagttgggt	gacgacagtg	ttaaagtaag	ttctatggca	gtgaaaacac	2880
178	taacggccgg	actggatttt	gcttatcggt	ttaaagtcgg	caaccttacc	gtaaaaccct	2940
179	tgttatctgc	agcttacttt	gccaattatg	gcaaaggcgg	cgtgaatgtg	ggcggtaaatt	3000
180	ccttcgccta	taaagcagat	aatcaacagc	aatattcagc	aggcgtcgcg	ttactgtacc	3060
181	gtaatgttac	attaaacgta	aatggcagta	ttacaaaagg	aaaacaattg	gaaaaacaaa	3120
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184	ttttttgtct	gccgtttacc	gctactgcgt	cacggatccc	cacgcgccct	gtagcggcgc	3300
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188	ccccaaaaaa	cttgattagg	gtgatgggtc	acgtagtggg	ccatcgccct	gatagacggg	3540
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190	aacaacactc	aaccctatct	cggctctattc	ttttgattta	taagggtatt	tgccgatttc	3660
191	ggcctattgg	ttaaaaaatg	agctgattta	acaaaaatth	aacgcgaatt	ttacaaaaat	3720
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193	tttatttttc	taaatacatt	caaatatgta	tccgctcatg	tcgagacgtt	gggtgaggtt	3840
194	ccaactttca	ccataatgaa	ataagatcac	taccgggcgt	attttttgag	ttatcgagat	3900
195	tttcaggagc	taaggaagct	aaaatggaga	aaaaaatcac	tggatatacc	accgttgata	3960
196	tatcccaatg	gcattcgtaa	gaacattttg	aggcatttca	gtcagttgct	caatgtacct	4020

RAW SEQUENCE LISTING

DATE: 07/26/2006

PATENT APPLICATION: US/10/586,245

TIME: 14:00:36

Input Set : A:\PTO.DA.txt

Output Set: N:\CRF4\07262006\J586245.raw

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197 ataaccagac cggttcagctg gatattacgg ccttttttaa gaccgtaaag aaaaataagc 4080
198 acaagtttta tccggccttt attcacattc ttgcccgcct gatgaatgct catccggagt 4140
199 tccgtatggc aatgaaagac ggtgagctgg tgatatggga tagtggtcac ccttggtaca 4200
200 ccgtttttcca tgagcaaact gaaacgtttt catcgctctg gagtgaatac cacgacgatt 4260
201 tccggcagtt tctacacata tattcgcaag atgtggcgtg ttacggtgaa aacctggcct 4320
202 atttccctaa aggggtttatt gagaatatgt ttttcgtctc agccaatccc tgggtgagtt 4380
203 tcaccagttt tgatttaaac gtggccaata tggacaactt cttcgcctcc gttttcacca 4440
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206 atgagtggca gggcgggggcg taattttttt aaggcagtta ttggtgccct taaacgcctg 4620
207 gtgctacgcc tgaataagtg ataataagcg gatgaatggc agaaattcga aagcaaattc 4680
208 gacccggctg tcgggttcagg gcagggtcgt taaatagccg cttatgtcta ttgctggttt 4740
209 accggtttat tgactaccgg aagcagtgtg accgtgtgct tctcaaatgc ctgaggccag 4800
210 tttgctcagg ctctccccgt ggaggtaata attgctcgac atgacaaaaa tcccttaacg 4860
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213 ggtttggttg ccggatcaag agctaccaac tctttttccg aaggtaactg gcttcagcag 5040
214 agcgcagata ccaaatactg tccttctagt gtagccgtag ttaggccacc acttcaagaa 5100
215 ctctgtagca ccgcctacat accctgctct gctaactctg ttaccagtgg ctgctgccag 5160
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220 agggggaaac gcctgggtatc tttatagtcc tgctcgggtt cgccacctct gacttgagcg 5460
221 tcgatttttg tgatgctcgt cagggggggcg gagcctatgg aaaaacgcca gcaacgcggc 5520
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225 <210> SEQ ID NO: 3

226 <211> LENGTH: 47

227 <212> TYPE: DNA

228 <213> ORGANISM: Artificial

W--> 230 <220> FEATURE:

230 <223> OTHER INFORMATION: Primer VHHA1

OK-> 232 <400> SEQUENCE: 3

233 ctatgcggcc cagccggcca tggctcaggt gcagctgggt gagtctt

47

236 <210> SEQ ID NO: 4

237 <211> LENGTH: 21

238 <212> TYPE: DNA

239 <213> ORGANISM: Artificial

W--> 241 <220> FEATURE:

241 <223> OTHER INFORMATION: Primer GEN III-Rev

OK-> 243 <400> SEQUENCE: 4

244 accctcatag ttagcgtaac g

21

247 <210> SEQ ID NO: 5

248 <211> LENGTH: 44

249 <212> TYPE: DNA

250 <213> ORGANISM: Artificial

W--> 252 <220> FEATURE:

252 <223> OTHER INFORMATION: Primer Linker-A48-VamyA

OK-> 254 <400> SEQUENCE: 5

RAW SEQUENCE LISTING

DATE: 07/26/2006

PATENT APPLICATION: US/10/586,245

TIME: 14:00:36

Input Set : A:\PTO.DA.txt

Output Set: N:\CRF4\07262006\J586245.raw

255 ggcgggtccga ctgctaactc tggacagggtg cagctgggtgg agtc 44
 258 <210> SEQ ID NO: 6
 259 <211> LENGTH: 30
 260 <212> TYPE: DNA
 261 <213> ORGANISM: Artificial
 W--> 263 <220> FEATURE: *insert <220>*
 263 <223> OTHER INFORMATION: Primer Vamy-Not
 OK-> 265 <400> SEQUENCE: 6
 266 gagtcattct gcggccgctg aggagacggt 30
 269 <210> SEQ ID NO: 7
 270 <211> LENGTH: 60
 271 <212> TYPE: DNA
 272 <213> ORGANISM: Artificial
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 274 <223> OTHER INFORMATION: Primer Linker-A48
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 277 accccgtctc acaactccca ccagggtcca tccgcaggcg gtccgactgc taactctgga 60
 280 <210> SEQ ID NO: 8
 281 <211> LENGTH: 37
 282 <212> TYPE: DNA
 283 <213> ORGANISM: Artificial
 W--> 285 <220> FEATURE: *insert <220>*
 285 <223> OTHER INFORMATION: Primer Linker -A48-Vamy-eag1
 OK-> 287 <400> SEQUENCE: 8
 288 attactcgcc ggccggtacc ccgtctcaca actccca 37
 291 <210> SEQ ID NO: 9
 292 <211> LENGTH: 33
 293 <212> TYPE: DNA
 294 <213> ORGANISM: Artificial
 W--> 296 <220> FEATURE: *insert <220>*
 296 <223> OTHER INFORMATION: Primer VL1
 OK-> 298 <400> SEQUENCE: 9
 299 gagtcattct agaggagcct tttttttgga gat 33
 302 <210> SEQ ID NO: 10
 303 <211> LENGTH: 26
 304 <212> TYPE: DNA
 305 <213> ORGANISM: Artificial
 W--> 307 <220> FEATURE: *insert <220>*
 307 <223> OTHER INFORMATION: Primer VL2
 OK-> 309 <400> SEQUENCE: 10
 310 ctgagatgag tttttgttct gcggcc 26

VERIFICATION SUMMARY

DATE: 07/26/2006

PATENT APPLICATION: US/10/586,245

TIME: 14:00:37

Input Set : A:\PTO.DA.txt

Output Set: N:\CRF4\07262006\J586245.raw

L:11 M:270 C: Current Application Number differs, Replaced Current Application No
L:11 M:271 C: Current Filing Date differs, Replaced Current Filing Date
L:12 M:256 W: Invalid Numeric Header Field, Wrong Prior FILING DATE:YYYY-MM-DD
L:23 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:1
L:25 M:200 E: Mandatory Header Field missing, <220> Tag not found for SEQ ID#:1
L:127 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:2
L:129 M:200 E: Mandatory Header Field missing, <220> Tag not found for SEQ ID#:2
L:230 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:3
L:232 M:200 E: Mandatory Header Field missing, <220> Tag not found for SEQ ID#:3
L:241 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:4
L:243 M:200 E: Mandatory Header Field missing, <220> Tag not found for SEQ ID#:4
L:252 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:5
L:254 M:200 E: Mandatory Header Field missing, <220> Tag not found for SEQ ID#:5
L:263 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:6
L:265 M:200 E: Mandatory Header Field missing, <220> Tag not found for SEQ ID#:6
L:274 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:7
L:276 M:200 E: Mandatory Header Field missing, <220> Tag not found for SEQ ID#:7
L:285 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:8
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L:295 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:9
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